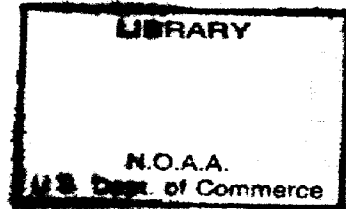
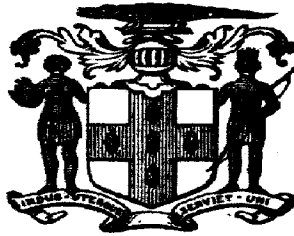


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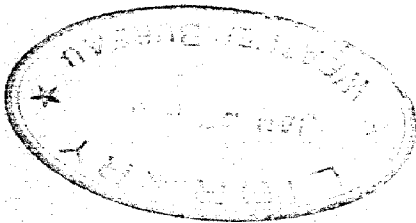
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# JAMAICA RAINFALL

FOR THE YEAR

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GOVERNMENT PRINTING OFFICE, KINGSTON.

# **National Oceanic and Atmospheric Administration**

## **Climate Database Modernization Program**

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March 28, 2002



## NORTH-EASTERN DIVISION, 1929.

Station.	Jan.	Feb.	Mar.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Year.	Average.
	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.
Manchioneal	6.80	3.86	8.07	4.33	5.81	8.08	5.07	9.41	3.52	17.90	16.21	10.46	99.82	111.30
Priestman's River	6.21	3.15	9.08	11.45	6.02	3.94	7.76	7.45	10.46	14.45	17.10	9.46	106.53	..
Fairy Hill	5.67	2.23	7.50	2.68	5.84	4.25	6.24	13.87	9.80	15.30	15.66	8.01	97.05	..
Bath	7.91	3.17	8.65	3.32	5.80	8.53	7.64	13.05	12.17	17.86	8.29	9.77	106.16	118.65
Millbank	15.87	11.13	15.92	13.33	15.25	9.43	20.81	29.06	18.83	23.34	23.92	23.65	220.54	..
Moore Town	13.72	8.69	22.55	10.75	9.80	5.41	13.31	34.17	13.13	19.00	25.92	19.17	195.62	221.98
Port Antonio	6.30	2.60	12.71	2.76	4.53	2.17	11.59	31.00	9.87	14.07	16.27	9.69	123.56	137.31
Passley Garden	17.27	11.32	26.22	8.62	8.79	7.03	13.46	29.20	12.99	11.47	15.90	9.68	171.95	..
Fellowship	9.65	5.85	10.99	7.52	9.86	3.11	15.38	26.82	11.67	12.13	22.72	13.21	148.91	187.22
Johnson River Br.	5.37	1.74	5.51	2.83	3.31	5.33	5.31	12.70	12.56	20.15	5.98	10.24	91.03	93.56
Trinityville	3.55	1.51	9.53	3.19	5.00	5.92	4.79	11.15	11.97	14.90	6.94	4.60	83.05	..
Shrewsbury	14.39	2.37	13.95	7.35	10.07	1.11	12.37	17.82	14.76	7.50	13.85	13.58	129.12	..
Hope Bay	8.17	2.64	17.53	3.60	6.61	1.13	9.16	15.19	9.17	4.36	13.16	11.10	101.82	..
Cedar Valley	3.41	2.50	7.68	2.05	4.57	3.48	2.27	7.63	12.04	13.40	5.99	4.00	69.02	101.29
Moy Hall	1.70	1.77	5.16	1.63	4.02	3.82	2.29	7.54	12.01	14.10	5.21	5.40	64.65	107.41
Paradise	13.19	2.31	14.20	7.45	10.16	0.32	11.51	12.96	7.55	3.20	12.17	12.54	107.56	..
Lennox	9.37	2.45	16.65	4.00	5.90	0.45	10.00	17.68	6.43	3.15	10.12	14.89	100.99	..
Greenvale	12.28	5.13	12.71	8.87	6.86	1.61	3.40	7.22	6.15	5.40	14.67	13.05	97.35	153.66
Spring Garden	8.22	2.46	11.15	3.24	4.98	0.33	6.53	7.14	4.57	2.52	9.32	9.79	70.25	95.21
Hill Gardens	3.13	2.13	4.31	2.14	3.50	1.44	1.52	5.68	8.36	5.17	4.45	5.62	47.45	105.48
Buff Bay	9.57	2.30	11.16	4.54	6.75	0.43	7.09	13.06	7.51	2.46	9.08	11.59	85.54	102.06
Orange Vale	16.78	11.16	16.87	7.62	9.85	9.85	4.72	10.08	9.01	3.35	14.26	15.55	129.10	..
Belvedere, Portland	7.99	5.16	8.85	4.66	7.54	1.83	4.31	9.00	7.68	2.62	9.78	..	..	..
Windsor Castle, Do.	8.72	1.72	9.74	4.19	7.12	0.50	4.49	9.25	6.84	1.34	10.85	7.15	72.01	86.32
Balcarras	11.17	9.53	11.69	9.63	10.75	2.85	1.93	8.13	5.79	8.72	11.05	16.83	108.07	..
Mt. Holstein	5.84	10.92	8.95	11.83	8.50	2.33	2.38	12.31	8.77	7.73	12.56	13.12	105.24	131.63
Cedar Hurst	3.25	1.02	4.44	4.32	2.58	2.56	1.59	6.43	7.61	3.59	5.37	5.42	48.18	..
Hardware Gap	3.00	3.73	4.00	4.15	4.85	1.66	1.72	9.75	16.76	9.07	5.24	4.91	68.84	99.62
Rose Hill	2.17	2.09	3.81	9.33	4.55	1.26	1.93	7.15	9.37	5.42	4.35	5.43	67.06	107.73
Hermitage	1.51	1.22	4.58	2.65	3.01	0.96	1.31	6.67	12.95	5.43	2.39	2.69	45.17	..
Mount James	..	..	..	..	4.98	2.16	3.55	9.58	9.79	7.52	4.61	5.91	..	..
Stony Hill Ind. School	1.56	1.23	2.66	4.31	3.02	0.94	3.06	6.40	9.51	5.50	4.96	2.61	45.76	82.48
Inter Boreale	7.56	1.75	8.23	4.85	5.04	0.07	4.32	8.64	5.77	0.94	7.32	7.48	61.97	..
Enfield	13.14	4.10	11.59	3.27	6.19	0.80	2.04	3.78	5.57	3.02	10.47	11.47	75.44	..
Aguila Vale	8.04	3.11	7.90	2.72	4.08	1.94	2.32	8.46	5.57	3.08	5.51	6.82	59.55	72.92
Castleton Gardens	3.94	3.24	5.19	4.59	7.15	1.18	2.21	12.12	12.26	6.87	7.62	8.10	74.47	118.98
Water Valley	6.62	0.85	7.00	4.70	2.88	2.07	2.33	10.22	5.47	2.88	6.11	5.69	56.82	75.69
Albany	6.44	1.09	8.94	4.47	3.12	1.86	2.49	8.33	4.69	1.62	1.08	7.10	51.23	..
Lawrence Tavern	0.61	0.96	5.44	4.65	4.41	1.13	2.72	13.45	9.58	7.31	4.00	2.63	56.89	70.01
Richmond, St. Mary	7.46	1.06	7.11	3.50	5.36	3.90	0.95	10.40	15.21	2.47	6.67	7.70	71.79	78.55
Quebec	6.02	2.19	6.01	3.27	3.81	1.36	2.93	9.08	4.22	3.15	4.92	10.24	57.20	71.44
Zion Hill	0.35	1.11	1.23	4.45	5.00	2.85	4.65	13.23	12.40	7.80	4.41	3.63	61.11	..
Carew Castle	0.88	1.63	6.04	8.61	8.49	3.39	6.62	8.92	7.80	7.99	2.39	5.13	67.89	88.54
Hampstead St. Mary	7.93	0.97	8.90	5.06	2.91	3.09	1.29	8.26	3.77	3.50	5.49	8.70	59.87	100.41
Windsor Castle Do.	5.55	1.53	7.41	3.95	5.08	3.13	1.25	11.64	5.10	6.38	6.43	8.80	66.25	..
Troja	4.35	0.63	15.56	1.75	3.96	2.83	1.87	8.06	9.59	2.71	3.90	6.17	61.38	..
Pear Tree Grove	5.06	0.73	10.10	2.10	7.10	2.39	0.91	10.67	6.89	10.43	4.48	7.45	68.31	..
Guys Hill	4.35	1.07	6.88	1.80	5.10	2.87	2.28	6.22	5.46	8.34	5.19	8.69	58.25	..
Lucky Hill	5.03	1.54	5.29	2.78	4.00	1.46	1.84	9.73	7.61	6.62	4.61	9.43	59.94	86.04
Rio Hoe	5.18	1.00	11.40	2.97	5.49	1.63	2.57	8.08	3.88	8.78	3.71	6.67	61.36	79.31
Unity Valley	3.22	1.80	14.08	3.76	7.41	1.67	4.64	11.00	5.19	6.92	5.71	8.01	73.41	82.78
Moneague	4.83	2.67	14.31	3.33	7.38	1.77	3.06	10.98	4.94	8.60	6.01	7.00	74.88	80.97
Claremont	3.09	2.83	8.37	3.08	4.23	2.32	1.73	9.13	4.69	10.83	4.33	7.13	61.76	74.18
Averham Park	3.90	4.75	8.34	4.15	5.45	3.11	2.03	9.19	8.36	8.08	6.60	17.23	81.19	82.00
Albion	2.95	4.39	10.44	2.72	6.09	3.33	1.62	12.72	10.22	5.37	5.06	6.55	71.46	77.04

## NORTHERN DIVISION, 1929.

Station.	Jan.	Feb.	Mar.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Year.	Average.
	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.
Port Maria	5.50	2.13	6.52	1.37	3.15	1.14	5.87	9.10	5.45	4.82	6.00	11.83	62.88	72.84
Eden Park	4.86	1.40	3.74	2.95	3.52	3.12	4.18	5.60	6.00	3.48	5.43	10.30	54.58	..
Oracabessa	3.64	1.59	3.25	2.74	2.47	1.61	4.51	6.30	3.74	4.39	4.54	11.56	50.34	..
New Rumble	5.26	1.11	4.50	3.72	4.11	1.55	3.34	11.25	6.32	2.22	5.11	9.11	57.60	..
Huddersfield	2.98	0.00	3.97	3.90	3.00	0.99	3.92	6.46	3.14	0.93	4.53	10.01	43.83	..
Ocho Rios	4.92	1.71	2.36	1.83	3.93	1.91	2.56	5.72	5.73	2.63	2.48	8.55	44.33	57.15
Bogue, Ocho Rios	5.32	2.01	2.60	3.66	4.32	2.07	1.57	7.10	6.46	2.39	3.40	8.31	49.21	72.08
Drax Hall	4.77	2.21	3.66	2.65	2.30	2.13	0.80	5.77	2.83	4.49	2.19	9.11	42.91	65.66
Rockfield	7.49	2.74	5.42	3.43	4.75	3.10	1.26	8.92	4.00	3.61	5.00	11.40	61.03	82.53
Liberty Hill	4.86	2.70	3.17	3.60	2.35	3.30	0.87	7.16	3.39	3.70	3.42	10.49	49.01	68.58
St. Ann's Bay	3.78	2.24	3.49	2.47	2.19	3.22	1.20	5.41	3.87	5.24	2.17	7.80	43.08	60.75
Seville	3.85	1.85	3.75	2.18	1.44	3.20	1.13	5.99	2.41	4.35	3.01	6.52	39.68	63.81
Richmond Estate	2.53	1.07	3.14	1.85	1.32	3.21	0.40	4.25	2.59	2.80	2.77	5.75	31.68	63.77
Llandoverly	3.55	0.95	4.88	2.35	0.70	3.70	0.69	5.97	5.21	4.65	1.38	4.20	38.23	..
Runaway Bay	2.45	0.98	1.85	0.45	0.78	1.56	0.16	2.58	1.75	2.01	1.49	3.85	19.79	..
Knapdale	7.41	1.37	5.28	2.83	8.84	2.90	1.30	4.78	8.67	5.99	3.87	9.82	63.06	..
Alexandria	0.87	0.71	5.41	4.03	3.58	3.95	2.22	4.57	11.32	8.13	3.70	6.08	54.57	..
Bel Air	3.05	1.55	2.70	1.15	5.75	2.45	0.65	4.75	4.20	3.30	2.25	5.75	37.55	..
Brown's Town	4.04	0.92	7.51	3.38	4.89	3.75	1.33	5.04	9.66	5.36	3.14	9.87	58.39	69.47
Watt Town, St. Ann	1.42	0.97	3.10	2.20	8.36	1.74	0.91	2.76	11.01	9.03	2.20	3.68	48.38	..
Home Castle	6.35	0.00	3.95	2.85	4.00	3.10	1.30	5.55	8.45	3.30	1.90	6.55	47.30	58.69
Richmond Pen	0.75	0.53	1.77	1.43	2.20	0.62	1.05	4.83	4.90	3.30	1.61	2.95	25.94	58.92
Bryan Castle	2.23	0.30	2.50	1.25	3.20	1.05	0.65	4.75	2.95	3.15	3.15	4.75	30.28	47.78
Braco	1.15	0.15	2.15	0.90	2.22	1.25	0.25	2.95	3.10	2.85	2.45	5.45	24.87	43.23
Arcadia	2.98	0.27	3.04	2.06	2.89	1.90	0.66	3.95	3.66	2.39	3.48	5.72	33.00	52.23
Vale Royal	2.72	0.19	2.72	3.60	3.84	1.14	0.94	4.55	4.36	2.19	2.49	6.00	36.24	57.79
Harmony Hall	1.21	0.36	3.25	2.21	3.01	1.21	0.86	2.44	2.58	2.42	2.59	3.50	25.64	43.86

WEST-CENTRAL DIVISION, 1929.

Station.	Jan.	Feb.	Mar.	April.	May	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Year.	Average.
	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.
Mocho	2.23	0.20	3.10	2.29	3.29	6.91	0.62	5.87	7.21	22.89	3.60	4.05	62.26	75.86
Clarendon Park	1.61	0.72	1.83	3.19	3.78	3.91	1.41		9.43	10.18	3.38	2.22		
Spaldhine	3.18	1.86	2.40	2.39	4.06	2.64	2.82	7.18	6.51	12.51	2.86	2.79	51.20	
Williamfield	2.12	1.20	2.74	1.95	6.54	2.77	2.94	9.63	5.37	17.57	5.10	1.97	59.90	
Brokenhurst	4.28	1.16	2.27	1.64	4.90	5.18	3.63	8.79	8.90	14.65	4.23	1.86	64.49	85.07
Shooters Hill	2.44	2.18	2.77	1.62	4.88	2.66	3.75	8.52	6.81	15.35	3.47	2.29	56.74	72.26
Lowe River	0.98	2.67	2.85	3.23	4.24	3.70	5.16	6.46	9.01	7.20	6.66	2.76	54.92	89.94
Christiana	2.55	3.06	3.37	3.33	3.20	2.61	2.32	9.05	6.37	8.82	1.92	2.19	48.79	78.94
Clifton Hill	2.89	0.93	1.03	5.15	2.88	3.62	3.82	10.09	8.82	22.36	6.90	4.76	73.24	
Ken tal, Manchester	1.51	2.70	2.93	2.10	6.81	2.82	3.49	7.88	6.53	16.52	3.75	1.95	59.99	82.88
Mereworth	4.55	1.20	3.06	3.03	5.94	4.98	1.89	9.02	9.79	20.84	6.86	6.17	77.38	
Mandeville	2.94	1.30	0.63	4.82	3.15	2.86	3.04	9.22	6.41	16.84	5.05	4.46	60.72	86.67
Ulster Spring	0.69	0.77	3.50	3.31	5.73	3.52	3.96	9.41	8.60	10.32	2.67	3.70	56.18	83.03
Marshall's Pen	2.83	0.48	0.99	3.40	2.58	1.91	4.26	8.44	8.81	14.85	4.76	2.41	55.72	80.33
Greenvale	1.00	0.88	1.04	4.47	2.94	1.37	1.64	4.27	3.92	9.65	2.24	1.71	35.13	
Albert Town	0.80	0.70	2.60	4.35	5.08	4.59	2.50	9.74	8.60	9.50	2.43	6.64	57.53	86.43
Warsop	0.33	4.91	2.43	4.57	4.53	3.52	4.24	8.81	7.40	12.98	6.23	2.83	62.87	
Troy	0.75	5.30	1.90	5.92	10.95	7.20	4.98	11.06	15.88	13.60	4.91	1.55	84.00	102.12
Wallingford	0.76	2.13	1.09	5.77	11.33	1.32	7.98	10.39	7.84	14.34	1.92	2.28	66.25	89.20
Balachava	0.94	1.92	2.49	7.30	9.02	1.95	6.26	6.67	8.73	9.63	1.81	1.53	58.25	81.33
Deeside	2.40	3.35	2.26	1.71	7.58	9.14	5.47	10.76	9.12	6.39	1.86	2.03	61.07	
Maggotty	1.01	1.66	5.96	6.83	5.35	2.80	10.31	12.77	8.38	14.37	1.38	2.04	73.86	98.45
Lacovia	0.87	1.34	2.15	3.57	4.16	2.42	7.25	10.43	7.56	14.23	1.56	0.85	56.39	
Ipswich	1.45	3.92	2.63	5.30	7.61	3.76	17.10	15.99	11.30	9.74	4.18	2.42	85.41	
Kempshot	0.50	1.25	2.38	1.31	4.59	8.52	4.39	9.14	5.48	13.09	2.72	5.64	59.01	79.39
Garlands	1.07	4.50	5.31	9.17	12.00	11.48	8.12	9.13	11.19	12.95	5.15	6.44	96.61	
Mocho. St. James	1.19	2.37	5.30	8.49	11.00	2.36	9.16	9.59	12.90	13.97	5.13	6.33	87.79	
Bandon Pen	0.79	3.02	4.61	4.08	13.47	10.90	5.45	13.15	10.42	15.16	4.43	5.24	90.72	
Springfield, St. Eliz.	1.48	4.69	8.01	7.60	8.82									

## WEST CENTRAL DIVISION, 1929—contd.

Station.	Jan.	Feb.	Mar.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Year.	Average.
	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.
Catadupa	1.14	1.78	4.39	6.74	11.76	5.31	9.49	12.78	9.11	13.06	4.38	5.37	85.31	108.56
Cambridge, St. James	0.65	2.42	8.01	7.26	9.80	8.61	10.34	13.26	10.02	10.18	3.17	3.49	87.21	98.66
New Market	0.85	3.43	7.49	4.31	8.75	5.77	10.31	15.06	10.37	12.39	2.60	1.45	82.78	93.92
Kew Park	1.27	1.64	7.07	6.37	12.79	9.56	8.16	14.83	8.53	13.67	4.79	3.57	92.25	94.86
Montpelier	0.32	3.08	4.65	4.97	6.17	8.53	6.02	14.12	8.13	8.11	3.12	3.76	70.98	70.98
The Bog, New Market	1.27	1.96	7.40	6.40	10.51	8.53	8.95	14.20	6.20	9.63	3.19	2.45	80.69	107.68
Bethel Town Dist.	0.77	2.08	6.75	5.66	16.53	7.65	16.87	12.02	11.15	12.41	4.61	3.46	99.96	99.96
Burnt Ground	0.66	1.61	5.36	4.74	6.90	8.18	9.87	11.86	13.61	9.67	3.70	5.20	80.76	93.18
Haughton Grove	0.47	1.23	5.34	3.99	10.43	8.30	9.31	10.58	10.98	16.32	4.63	4.61	86.19	86.19
Darliston	1.59	1.56	6.84	8.50	11.95	3.15	11.00	11.14	11.04	11.88	5.24	2.73	86.62	118.03
Knockalva	0.82	2.38				7.52		14.96	6.53	13.18	5.04	3.50		98.38
Bluefields	1.07	1.02	7.59	6.90	11.93	5.27	9.82	20.64	9.36	7.79	3.73	7.25	92.37	92.37
Whithorn	1.24	1.83	6.44	6.84	8.72	4.81	13.02	14.49	6.49	9.87	5.78	2.52	82.05	96.56
Water Works Pen	4.52	3.90	8.22	6.00	10.90	3.11	13.00	17.24	7.00	7.94	6.42	4.51	92.76	94.22
Askenish	0.60	1.02		3.05	9.82	13.64	12.50	12.90	10.14	15.45	4.50	5.38		
Grange Hill	1.51	0.37	6.15	6.97	14.08	7.63	10.23	14.76	8.93	14.49	8.56	5.95	99.73	97.95
King's Vale	0.58	0.34	6.10	2.18	8.27	12.74	11.34	12.53	7.07	8.64	3.04	6.05	78.88	91.41

## SOUTHERN DIVISION, 1929.

Station.	Jan.	Feb.	Mar.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Year.	Average.
	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.
Morant Point L.H.	3.07	1.46	4.57	1.42	1.48	3.18	2.68	3.46	11.89	11.87	6.67	4.47	56.22	70.19
Golden Grove	6.97	2.61	4.33	1.99	2.10	3.65	4.31	7.71	7.32	12.75	7.01	8.16	68.91	68.91
Pleasant Hill	6.80	2.77	5.08	1.89	2.05	4.64	4.72	7.88	8.51	13.40	8.52	8.23	74.49	74.49
Bowden	4.74	2.71	2.78	2.32	1.57	4.03	2.80	7.32	5.79	14.65	6.10	7.02	61.83	61.83
East Prospect	4.19	3.18	8.11	4.21	1.79	4.74	3.73	6.32	8.33	15.28	4.94	9.21	74.03	82.13
Morant Bay	3.87	1.61	3.11	2.32	1.94	8.65	3.83	7.88	6.10	15.02	4.90	9.10	69.23	71.09
Aeolus Valley	4.25	1.10	3.47	2.35	2.14	5.21	3.78	9.15	14.00	14.00	4.86	6.00	70.31	70.31
Yallahs	1.57	0.80	0.49	1.93	0.60	2.30	1.20	8.22	10.64	13.05	2.36	3.12	46.28	46.28
Easington	1.72	0.63	2.05	2.78	2.41	2.82	3.03	5.71	9.86	11.73	4.17	3.71	50.62	65.09
Norris	2.81	0.45	2.11	2.10	2.52	2.85	3.50	10.00	9.65	11.54	3.75	1.40	52.68	52.68
Mavis Bank	1.13	0.97	1.74	0.66	1.67	0.95	2.30	2.79	8.54	7.11	2.13	2.93	32.92	32.92
Bull Bay	0.00	0.40	0.10	0.20	0.45	0.00	1.05	3.07	7.30	4.77	0.85	0.00	18.19	34.62
Bellevue	1.36	2.80	2.57	1.90	4.00	2.42	2.00	4.77	9.20	8.39	2.92	3.32	45.65	71.31
Dallas Castle				0.27	2.58	0.38	1.15	6.84	5.32	8.11	4.94	1.95		
Gordon Town	0.86	5.42	1.05	1.68	2.70	0.40	1.53	3.62	6.51	4.36	2.40	1.56	32.11	65.62
Irish Town	1.33	2.10	2.83	3.37	2.14	0.92	2.01	3.87	6.62	6.31	2.01	2.60	36.11	64.38
Hope Gardens	1.32	2.13	0.91	3.10	2.38	0.36	1.18	4.65	4.26	9.31	1.56	0.88	32.04	53.53
Iver	1.75	1.31	2.45	1.77	2.04	0.23	2.29	5.37	6.92	6.51	2.14	2.08	34.86	34.86
Plumb Point L. H.	0.27	0.36	0.17	0.09	0.30	0.50	0.91	3.46	5.49	4.32	1.40	1.31	18.68	33.61
King's House Gardens	1.90	1.00	0.80	0.80	1.95	0.00	0.60	3.15	4.15	6.20	0.55	2.20	22.40	47.44
Upper Kingston	0.43	0.46	1.04	0.18	0.71	0.43	0.86	5.67	4.15	6.21	1.66	1.37	23.17	23.17
Kingston P.W.O.	0.55	0.50	0.39	0.14	0.63	0.44	0.65	6.27	2.42	4.96	1.74	1.27	19.96	33.59
Halfway Tree	0.69	0.65	0.51	0.73	1.37	0.36	0.78	3.32	4.14	7.04	0.72	1.08	21.39	39.34
Clifton Pen	0.35	1.12	0.57	0.19	0.06	0.50	1.08	3.73	4.43	6.48	0.86	1.08	20.45	39.35
Red Hills					2.70	1.35	1.29	7.29	3.74	6.87	2.15	4.27		
Quarantine Station	0.31	0.24	0.00	0.00	0.28	0.87	0.40	5.28	4.61	4.34	0.00	0.96	17.29	27.33
Hematine	1.76	1.51	1.48	1.10	1.69	2.09	0.73	2.80	2.37	5.71	1.08	1.41	23.73	23.73
Spanish Town	1.24	1.68	1.88	1.10	1.93	0.82	0.71	2.97	2.22	5.67	0.54	1.44	22.30	43.99
The Stewartry	1.09	1.71	6.45	2.61	0.71	1.36	0.85	7.23	4.11	5.49	1.90	2.56	36.07	36.07
Hog Hole, St. Cath.	1.52	2.22	6.47	1.64	0.50	1.27	0.60	5.10	2.70	4.85	1.91	1.90	30.77	49.96
Hartlands	2.76	1.15	1.03	0.52	3.32	1.75	0.25	3.93	4.10	8.75	1.80	0.80	30.16	44.69
Amity Hall	1.21	1.00	1.57	0.36	1.56									
Old Harbour	1.64	3.47	2.28	0.92	0.71	2.37	0.18	6.44	4.92	10.17	3.11	2.99	39.20	52.28
May Pen	2.04	3.50	4.46	1.58	2.06	3.63	2.09	8.96	6.44	9.39	2.28	3.76	50.19	55.23
Glen Muir	1.50	0.00	1.25	0.00	1.80	3.80	2.70	7.40	7.75	7.50	2.50	2.35	38.55	38.55
Cottage	1.54	0.58	1.03	0.51	0.25	2.04	0.34	8.46	11.22	16.47	3.73	0.86	47.03	47.03
Belle Plain	2.43	1.22	2.27	1.32	3.48	3.26	2.64	7.18	8.97	16.72	3.38	3.36	56.23	56.23
Milk River	2.43	0.22	0.69	1.18	1.44	2.00	1.02	7.75	7.50	12.49	3.36	0.00	38.85	51.48
Retrieve	2.26	1.61	1.63	2.91	1.23	4.43	1.25	7.98	7.74	11.43	3.47	2.04	47.98	47.98
Hog Hole, S. Man.	4.16	1.69	1.61	4.60	2.44	4.25	2.78	11.61	7.46	17.18	4.66	5.96	68.30	68.30
Stone's Hope	3.28	1.27	2.12	2.35	1.42	5.88	2.87	9.52	10.66	16.49	5.38	3.77	65.01	69.42
Newport Man.	3.27	1.13	1.96	1.32	2.34	3.10	2.62	10.61	8.49	14.23	3.42	2.97	55.51	72.67
Great Valley, Man.	2.21	0.54	1.64	1.01	0.73	1.95	3.71	11.75	11.48	15.62	2.10	3.06	55.80	58.75
Alligator Pond	0.52	0.00	0.50	1.40	0.88	0.00	3.30	11.00	9.50	10.70	0.80	1.80	40.40	42.90
Fairfield	2.14	0.97	1.63	1.54	2.92	1.71	1.90	7.31	10.45	11.67	2.75	2.74	47.73	67.70
Laticz	1.32	1.27	1.91	1.92	1.16	0.57	1.11	6.67	5.64	10.96	1.66	1.45	35.64	43.80

## SOUTHERN DIVISION, 1929—contd..

Station.	Jan.	Feb.	Mar.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Year.	Average.
	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.
Myersville	0.28	0.20	0.38	0.91	1.39	0.50	0.24	7.42	3.69	6.52	3.52	2.04	27.09	...
Gilnock	0.32	2.88	0.96	3.73	5.19	1.17	2.15	13.68	8.10	9.86	2.73	1.10	51.87	...
Southfield, St. Eliz.	1.44	0.87	1.30	1.10	0.92	2.78	1.46	8.89	10.72	14.90	2.11	2.47	48.96	50.83
Bethlehem, St. Eliz.	0.55	0.66	2.32	2.00	4.91	0.88	0.95	12.63	8.24	8.75	3.88	5.97	51.74	65.56
Torrington	0.85	0.82	1.49	1.22	1.58	1.32	0.60	11.76	6.03	10.45	3.85	3.74	43.71	58.00
Santa Cruz	0.03	2.64	2.68	4.27	4.91	1.74	4.39	13.85	6.38	11.30	1.43	2.43	56.05	81.86
Pedro Plains	0.40	1.06	0.51	0.15	0.01	0.55	0.30	6.42	5.81	6.76	3.32	1.85	27.14	33.62
Mountainside	0.65	1.60	0.97	...	1.94	0.39	0.39	3.60	1.43	2.75	2.39	0.63	...	...
Fort Charles	0.05	0.87	0.80	0.66	1.30	0.00	0.11	7.14	6.35	5.07	3.05	1.49	26.89	...
Black River	0.81	1.45	1.01	2.05	4.13	0.96	1.76	9.04	2.98	5.45	4.46	2.89	36.99	52.43
Font Hill	2.80	1.10	1.85	5.50	8.00	2.85	1.85	9.00	5.80	9.65	2.50	3.20	54.10	57.90
Mount Edgecombe	0.75	1.96	4.82	4.96	10.06	4.69	6.31	13.50	5.78	9.45	2.23	3.12	67.63	69.26
Sweet River	1.38	0.55	2.84	2.43	11.68	2.18	6.26	11.29	6.03	5.91	3.31	2.91	56.77	71.23
Sav.-la-Mar	1.04	0.37	2.49	2.35	13.18	5.22	5.70	12.99	4.80	7.22	1.55	2.95	59.86	62.17
Little London	1.91	1.31	3.08	2.18	12.63	4.03	9.88	7.58	4.43	9.05	1.50	4.44	62.02	...
Retreat	3.23	0.41	5.74	4.94	12.59	7.05	10.33	11.54	5.75	10.21	2.56	3.83	78.18	70.31
Negril Point, L.H.	1.50	0.29	6.34	2.57	10.90	2.20	10.02	6.60	4.47	14.04	2.53	4.69	66.65	54.49

## COMPARATIVE TABLE OF RAINFALL FOR 1929.

Division.	Jan.	Feb.	Mar.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Total 1928.	Average 50 years.
	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.
North-Eastern Division	6.03	2.98	8.77	4.72	5.73	2.53	4.49	12.03	8.63	8.28	8.34	8.61	81.14	104.60
Northern Division	2.62	1.43	3.33	2.29	3.18	3.33	2.11	6.30	4.87	6.32	2.95	5.64	44.37	57.79
West-Central Division	1.58	1.69	4.32	4.80	7.78	5.37	7.17	11.32	8.56	12.54	3.95	3.69	72.77	89.28
Southern Division	1.49	1.34	2.23	1.83	3.17	2.13	2.32	7.18	6.36	9.33	2.47	2.77	42.62	54.13
Means for 1929	2.93	1.86	4.66	3.41	4.96	3.34	4.02	9.21	7.10	9.12	4.43	5.18	60.22	...
Averages for 50 years 1870-1919	4.10	3.06	3.42	5.03	9.12	7.18	4.90	6.93	7.91	10.39	8.70	5.72	...	76.46

## COMPARATIVE TABLE OF RAINY DAYS, 1929.

The Island.	Jan.	Feb.	Mar.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Total.
Means for 1929	9	6	9	8	11	8	8	15	14	14	11	11	124
Averages for 33 years 1895-1927	8	7	8	9	12	10	9	11	13	14	12	9*	122

## MEAN RAINFALL FOR EACH PARISH, 1929.

Parish.	Jan.	Feb.	Mar.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Total.
	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.
Kingston	0.42	0.44	0.53	0.14	0.55	0.46	0.81	5.13	4.02	5.20	1.60	1.32	20.62
St. Andrew	1.28	1.80	2.27	2.39	2.68	0.89	1.74	5.85	7.81	6.68	2.69	2.75	38.83
St. Thomas	4.31	2.00	5.27	2.45	2.78	4.74	4.15	8.82	11.89	15.20	5.71	6.29	73.61
Portland	9.72	5.14	12.91	7.03	7.79	3.27	8.24	15.89	9.14	8.74	14.28	12.39	114.54
St. Mary	6.25	1.73	6.59	3.61	4.14	1.83	2.72	9.04	6.24	3.75	5.78	9.02	60.70
St. Ann	3.92	1.75	5.74	2.73	4.42	2.60	1.70	6.64	5.79	5.47	3.40	7.33	51.49
Trelawny	1.68	1.43	3.03	3.21	4.33	2.90	2.47	6.76	7.18	5.99	3.16	4.35	46.49
St. James	1.09	2.30	3.09	3.17	4.36	4.96	3.83	7.28	5.90	9.72	3.17	4.82	53.69
Hanover	0.59	1.31	3.73	2.63	7.10	11.15	7.71	10.83	8.43	11.00	3.07	5.07	72.69
Westmoreland	1.69	1.30	5.78	5.02	11.71	5.85	10.34	12.82	7.14	10.15	4.05	4.11	79.96
St. Elizabeth	0.84	1.70	2.50	3.57	4.52	2.03	4.09	9.93	8.89	10.35	2.52	2.20	53.14
Manchester	2.81	1.34	1.93	2.74	3.28	3.28	2.90	9.40	8.09	14.99	3.93	3.25	57.94
Clarendon	1.99	1.14	2.71	2.14	3.17	3.06	2.35	7.14	7.25	13.83	2.97	2.75	50.53
St. Catherine	2.02	1.24	5.60	2.86	4.28	2.32	2.61	7.96	6.54	7.29	3.01	3.73	49.46

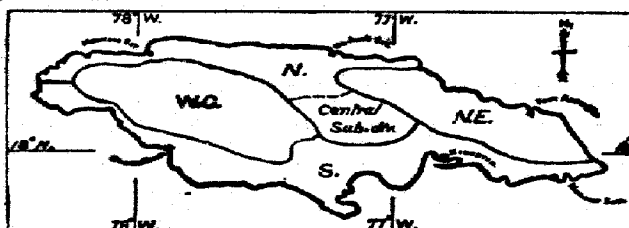
TABLE OF GREATEST AND LEAST MONTHLY FALLS IN 1929.

Month.	Greatest Fall.		Least Fall.	
	Amount. Ins.	Place.	Amount. Ins.	Place.
January	17.27	Passley Garden	0.00	Bull Bay
February	11.32	Passley Garden	0.00	Huddersfield, Home Castle, Clarks Town, Green River, Glen Muir and Alligator Pond.
March	22.55	Passley Garden	0.00	Quarantine Station.
April	13.33	Millbank	0.00	Quarantine Station and Glen Muir
May	16.53	Bethel Town Dist.	0.01	Pedro Plains
June	15.50	Kew	0.00	Bull Bay, Alligator Pond and Fort Charles.
July	20.81	Millbank	0.00	Bellas Gate
August	34.17	Moore Town	1.60	Cinnamon Hill
September	35.20	Petersfield	1.43	Mountainside
October	28.52	Petersfield	0.93	Huddersfield
November	25.92	Moore Town	0.00	Quarantine Station
December	23.65	Millbank	0.00	Bull Bay and Milk River
Year	220.54	Millbank	16.70	Anchovy.

RAINFALL DIVISIONS.

The Northern Division comprises the northern shores from Port Maria to Davis' Cove, including the central part of the Island which forms the Central Sub-Division; the Southern Division comprises the southern shores from Holland Bay to South Negril; the North-Eastern and West-Central Divisions are the remaining parts of the Island bounded by the sea and the other divisions.

A Map showing these Rainfall Divisions is published in Mr. Maxwell Hall's "Rainfall of Jamaica" following page 27, 1911 Edition and of page 20 of 1923 Edition, an outline of which is given below.





# METEOROLOGICAL—JAMAICA.

## CLIMATIC CONDITIONS.

### THE ISLAND.

#### MONTHLY PRECIPITATION.

January. The mean rainfall was deficient, all the Divisions being below the normal, on the whole about three-quarters of normal was gauged. No rain fell at one station. The greater portion of the rainfall was confined to the first and the last few days of the month, but otherwise well distributed. The mean number of rainy days was 9 for the Island. The greatest total fall was 17.27 inches at Passley Garden in the North-Eastern Division, and the heaviest fall in 24 hours was 3.44 inches at Millbank, Portland, on 31st. The greatest amount of rain fell in Portland.

February. The mean rainfall was about 60% of the normal, being only 1.86 inches. No rain fell at five stations. Most of this small precipitation appears to have occurred during the first week of the month. The mean number of rainy days was 6 for the Island. The greatest total fall was 11.32 inches at Passley Garden in the North-Eastern Division, and the greatest fall in 24 hours was 3.58 inches at Garlands in the parish of St. James on 7th. The greatest amount of rain fell in Portland.

March. The mean rainfall was much above the normal, shewing 36% in excess. The North-Eastern had nearly double, the Northern considerably more than the average, while the West Central and Southern Divisions were up to the average. The rainfall was well distributed and the greatest precipitation appears to have occurred between the 6th and 17th, and particularly on the 12th. The number of rainy days being 9 or 1 more than the average. Greatest total fall for the month was 22.55 inches at Passley Garden in Portland, and the greatest fall in 24 hours was 9.92 inches at Troja in St. Catherine on 12th. The heaviest parish rainfall occurred in Portland, shewing 12.91 inches.

April. The mean rainfall was much below the average, being only about two-thirds. All the Divisions gauged a deficiency particularly the Southern Division with only 1.83 inch. No rain was recorded at two stations in the Southern Division. The mean number of rainy days was 8, or 1 less than the average. Most of the rain appears to have fallen between the 6th and 8th also on 18th and 24th. The greatest total fall was 13.33 inches at Millbank in Portland, and the greatest fall in 24 hours was 4.44 inches at Carew Castle in the parish of St. Catherine on 17th. The parish of Portland had the most rainfall with 7.03 inches, making the 4th month in succession with the greatest record.

May. The "Season's" rains were much below the normal, being a little over one-half with only 4.96 inches as against the 50-year normal of 9.12 inches. All the Divisions suffered, particularly the Northern and Southern. This deficient rainfall was, however, fairly well distributed, for the mean number of rainy days was 11, or one less than the average. Most of the rain appears to have fallen during the second and last weeks of the month. The greatest total fall was 16.53 inches at Bethel Town District in the West-Central Division, and the greatest fall in 24 hours was 4.25 inches at Paradise in the North-Eastern Division on the 8th.—The parish of Westmoreland had the greatest record for the month with 11.71 inches, and Kingston with only 0.55 inch.

June. The mean rainfall for the Island was again very deficient, being much less than one-half of the normal. There were, however, good "seasons" rains in the parish of Hanover and parts of Westmoreland, but the rest of the Island suffered from the continued drought especially the Southern sections of the parishes of St. Elizabeth, Manchester and Clarendon, also places in the Northern Division. Most of this small precipitation, appears to have occurred during the first week of the month, particularly on the 4th and 5th days. The mean number of rainy days was 8, as compared with the average of 10. The greatest total fall for the month was 15.50 inches at Kew, in Hanover, and the greatest fall in 24 hours was 5.43 inches at Morant Bay in the Southern Division. The parish of Hanover had the most rainfall with 11.15 inches, and Kingston with only 0.46 of an inch. Then the mean aggregate rainfall for the first six months of the year shewed only 21.16 inches as against a possible total of 31.91. The Island therefore had only two-thirds precipitation.

July. The mean rainfall for the month was somewhat less than the normal, particularly in the Northern and Southern Divisions. Most of the precipitation occurred towards the end of the month with a marked preponderance on the 28th. The greatest total fall was 20.81 inches at Millbank in Portland, and the greatest fall in 24 hours was 7.25 inches at Shrewsbury in the same parish on 28th. The mean number of rainy days was 8, as compared with the average of 9. The parish of Westmoreland had the most rain, with a mean of 10.34 inches, whereas the parish of Kingston had only 0.81 of an inch.

August. The mean rainfall for August was much above the average being 9.21 inches as against the normal of 6.93, shewing an excess of one-third. Each Division had more than the normal, particularly the North-Eastern Division, owing no doubt to the passing by of minor Tropical Weather Disturbances. The greatest precipitation appears to have occurred at the beginning and ending of the month, and the rainfall was well distributed, there being 15 rainy days as compared with the average of 11. The greatest total fall was 34.17 inches at Moore Town in the North-Eastern Division, and the greatest fall in 24 hours was 10.00 at Lennox in the same Division on 31st. The parish of Portland had the greatest fall for the month of 15.89 inches, and the parish of Kingston had the least with 5.13 inches.

September. The mean rainfall was about 10% below the normal, but the North-Eastern Division was slightly above. The greatest precipitation appears to have been confined to the 2nd, 8th and 30th. The rainfall was, however, well distributed, the mean number of rainy days being 14 as compared with the average of 13. Greatest total fall for the month was 35.20 inches, and the greatest fall in 24 hours of 8.50 inches occurred on 2nd both at Petersfield in the Southern Division. The parish of St. Thomas had the greatest fall for the month with 11.89 inches. The Island rainfall aggregate for the nine months gauged about 10 inches short of the normal.

October. The "Season's" rainfall was not quite equal to the average, being about 12% below, giving 9.12 inches as against the average of 10.39 inches. The deficiency was observed in all the Divisions except the West-Central which had slightly over its average. The greatest deficiency of 33% was shewn in the North-Eastern Division. The greatest precipitation appears to have been confined to the 8th and 18th, but generally the rainfall was well distributed, as the number of rainy days of 14 was equal to that of the average. The greatest total fall for the month was 28.52 inches at Petersfield in St. Thomas, and the greatest fall in 24 hours of 8.50 inches was gauged at the same station on 12th. The parish of St. Thomas had again, the greatest fall for the month with 15.20 inches.

November. The mean rainfall for the Island was only about one-half of the average, shewing only 4.43 inches as against 8.70 inches. There was a marked deficiency in all the Divisions. Most of this small record appears to have taken place about the 7th and 17th, but it was fairly well distributed having 11 rainy days as against the normal of 12. The greatest total fall was 25.92 inches at Moore Town in Portland and the greatest fall of 6.82 inches in 24 hours was gauged at Fellowship in Portland on 28th. The parish of Portland recorded the greatest fall for the month of 14.28 inches and the least was 1.60 inches at Kingston.

December. The rainfall for this month was slightly below the average for the Island. The North-Eastern Division had only three-quarters of its average, whilst the Northern, West-Central and Southern had slightly above their averages. No rain fell at two Stations. Most of the rain appears to have fallen on the 11th and 26th. The greatest total fall for the month was 23.65 inches at Millbank in the North-Eastern Division, and the greatest fall in 24 hours was 6.90 inches at Averham Park in the parish of St. Ann on 25th. The mean number of rainy days was 11 or 2 more than the average. The parish of Portland gauged the greatest total fall for the month with 12.39 inches, and the least 1.32 inch in the parish of Kingston.

#### THE ISLAND RAINFALL FOR THE YEAR 1929.

The total mean fall for the twelve months was only 60.22 inches which represents 16.24 inches below the 50-year normal of 76.46 inches, and three inches less than the total for 1928. In the first half of the year the precipitation was two-thirds of the average, and in the second half 87 per cent. of the average. The months of March and August were the only cases shewing above normal, the other months gauged below. The North-Eastern Division was 19%, the Northern 23%, and West-Central 18% and the Southern 21% below their normals.

Although the rainfall was deficient throughout, the total number of rainy days was 124 as against the 33-year normal of 122, giving a mean rainfall of nearly half an inch per rainy day. August had the greatest number of rainy days with 15 and February the least with only 6.

The parish of Portland recorded the greatest total fall of 114.54 inches, then Westmoreland was next in order with a record of 79.96 inches. The parish of Kingston recorded the least with only 20.62 inches.

#### WEATHER DISTURBANCES.

July. There were no Tropical Weather Disturbances, within barometric range of Jamaica, in July.

August. During the month of August there was only a minor tropical disturbance of slight intensity, located near to the Island of St. Lucia on the night of the 18th, and it appears, according to the reports of the United States Weather Bureau, to have moved on a track in a West-North-Westerly direction, passing to the south of Jamaica on or about the 21st, then central and not far from the Cayman Islands on 21st and 22nd, otherwise, the Caribbean Sea and West India Islands were particularly free of hurricanes.

September. During this month the region of the Caribbean was again remarkably free of Weather disturbances, but towards the close of the month, on 25th the United States Weather Bureau issued a warning by wireless telegraph that a tropical disturbance was central, in the forenoon near to the south of the Great Abaco Island, Bahamas, apparently moving slowly westward. This disturbance developed into hurricane force and caused loss of life and property at Nassau and surrounding waters on 25th in the evening. It apparently continued on a track through lower Florida State, into the Gulf of Mexico, reaching south-east Pensacola on 30th and then south-west Georgia State on 1st October causing considerable damage on land as well as to shipping.

October. A warning message was issued by the United States Weather Bureau on 19th October stating that a tropical disturbance of moderate intensity passed north or north-east of Swan Island moving north-eastward, and apparently about 100 miles to west or north-west of Grand Cayman Islands, on 20th moving north-eastward, then passed over Cuba into the southern Florida Strait, and was no longer identified. This disturbance occasioned brisk S.E. wind at Morant Point as well as at Negril Point causing also low barometric pressure.

For the balance of the year no other disturbances were reported.

## DROUGHT CONDITIONS.

The southern sections of the parishes of St. Elizabeth, Manchester and Clarendon suffered much from deficiency of rainfall during the earlier months of the year, entailing the necessity for relief to be extended to the famine stricken peasantry, good rains fell from July to the end of the year which helped to restore conditions to normal.

## "NORTHERS."

Fresh to moderate "northers" were noted at Kingston a few days in January on 3rd and 11th February also on 24th and 25th December at Morant Point.

## HAILSTORMS.

No reports received.

## - EARTHQUAKES.

Shocks of slight to moderate intensity were reported at different parts of the Island at one place. *May* nine places (eastern part of Island). *September* many places in Kingston, St. Elizabeth, Manchester and Clarendon on 5th. *October* nineteen places about the 28th and 29th. *November* 1st two places.

## CITY OF KINGSTON.

The total rainfall at the Public Works Building (Port Royal Street) was 19.96 inches, the 60-year normal being 31.77 inches. The total number of rainy days was 80, as against the 49-year normal of 79.4. The May "Season" rains were about one-seventh of the average. The August rainfall was much above the normal, but the October "Season" was somewhat below. The second half of the year had nearly seven times more rain than the first half. The mean temperature was 78.2 degrees and the 33-year normal 78.7 degrees. The extreme maximum temperature was 93.4 degrees on 24th July and the lowest minimum 62.7 degrees on 29th January. The greatest monthly range of temperature was 26.4 degrees in January and the least 19.0 degrees in June. The mean number of miles of wind per day was 196, as against the 20-year normal of 182. The total miles of wind was below normal in January, April, August and September. The remainder of the months recorded above normal. The mean relative humidity was about equal to normal of 77%. Distant lightning or thunderstorms noted during the period from May to December.

## NEGRIL POINT LIGHTHOUSE.

The total rainfall at this station (extreme west of Jamaica) was 66.65 inches, somewhat in excess of the normal of 54.49 inches. There were 151 rainy days, with a maximum of 20 in August, and a minimum of 4 in February. The greatest monthly rainfall of 14.04 inches occurred in October. The months of January, March, May, July, October and December gauged above their normals, the remainder of the months were below. Thunderstorms were observed during each month from March to December.

The extreme maximum temperature was 94.0 degrees on 6th July, and extreme minimum 62.7 degrees on 29th January, giving an extreme annual range of 31.3 degrees. The greatest monthly range was 27.5 degrees in February. The mean number of miles of wind per day was 205.

## MORANT POINT LIGHTHOUSE.

The total rainfall at this station (extreme east of Jamaica) was 56.22 inches somewhat below the normal 70.19 inches. There were 196 rainy days with a maximum of 23 in October, and a minimum of 8 in April. The greatest monthly rainfall of 11.89 inches occurred in September followed by 11.87 inches in October. The months of March, September and October gauged above the normals, the remainder of the months were below. Thunderstorms were observed during each month, from July to November.

The extreme maximum temperature was 88.1 degrees on 17th of July, and the extreme minimum 61.0 degrees on 29th of January, giving an extreme annual range of 27.1 degrees. The greatest monthly range was 21.6 degrees in January.

The mean number of miles of wind per day was 289, considerably more than the record at Negril Point.